

Preliminary



## EV CHARGING SOLUTIONS

### AC Charger / AC MAX

#### Features

- 21kW output power saves time and improves parking turnover
- ISO15118, RFID, APP user authentication
- OCPP compatible for back-office management system
- Over-The-Air (OTA) remote update and maintenance
- IP55 and compact design provides high adaptability



Commercial  
Building



Parking  
Lot



Service  
Station



Fleet



Residential  
Area



**DELTA**

# Enabling Your Smart EV Charging Infrastructure

To meet the requirements of residential and commercial EV charging, Delta provides AC MAX 21kW AC charger with high environmental adaptability and remote operation functionalities. With its IP55 and compact design, AC MAX can be installed in outdoor environment meanwhile save space. By RFID authentication, site management system (SMS) integration, OCPP protocol, and Over-the-Air (OTA) functions, AC MAX can help station owners and operators build up an AIoT-based EV charging network.

## Specifications

Part Number	EVAAG-	
Power	Single Phase	Three Phase
Input / Output Rating	220 Vac, 32 A (maximum), 50 Hz	380 Vac, 32 A (maximum), 50 Hz
Wire	L, N and PE, hardwired with terminal block	L1, L2, L3, N, and PE hardwired with terminal block
Standby Power *	< 2.6 W	
Max. Output Power	7 kW	11 kW, 21 kW
Charging Interface	GB/T 20234-1 / -2	
Protection		
Internal RCD	AC 30 mA, DC 6 mA	
Electrical Protection	Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault	
Upstream Breaker	In accordance with local regulations	
Cold-Load Pickup	Randomized delay before charge resume after power failure	
Automatic Recovery	Automatically resume charging after a minor fault. No user intervention required.	
User Interface & Control		
Display	LED bar	
Buttons	Emergency stop button	
Charger Configuration	Maximum charging current selected by hardware DIP switch	
User Authentication	ISO/IEC 14443 A/B Mifare RFID reader	
Communication		
Network Interface	Bluetooth, Ethernet, WLAN (optional), Cellular (optional)	
Charging Protocol	OCPP 1.5-S, OCPP 1.6-J, upgradable to OCPP 2.0	
Environment		
Operating Temperature	-30 °C to +50 °C (-22 °F to +122 °F), > 50 °C current de-rating	
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)	
Humidity	< 95% relative humidity, non-condensing	
Altitude	Up to 2,000 m (6,500 ft.)	
Mechanical Design		
Ingress Protection	IP55	
Enclosure Protection	IK08 according to IEC 62262	
Cooling	Natural cooling	
Dimension (W x H x D)	218 x 371 x 167 mm ( 8.6 x 14.6 x 6.6 inch) excluding charging cable, mounting plate and cable holder	
Weight	3.8 kg (8.3 lbs), without package	
Regulation		
Certificate / Compliance	GB/T 34657.1-2017, GB/T 18487.1-2015, GB/T 18487.2-2017	
Installation		
Accessory	Stand (optional)	

\* Product outlook depends on model configuration. Specifications are subject to change without notice.

## Delta Electronics Inc.

3 Tungyuan Road, Chungli Industrial Zone, Taoyuan City 32063, Taiwan  
 TEL : +886 3 4526107 E-mail : evcs@deltaww.com

[www.deltaww.com/evcs](http://www.deltaww.com/evcs)

